

10/565280

IAP20 Rec'd PCT/PTO 20 JAN 2006

01807.107508.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
PHILIPPE PIRET ET AL. ) Examiner: N.Y.A.  
Application No.: N.Y.A. ) Art Unit: N.Y.A.  
(National Phase of International Application )  
No. PCT/IB2004/002623, filed July 21, 2004) :  
Filed: Concurrently Herewith )  
For: INFORMATION ENCODING )  
BY SHORTENED REED- )  
SOLOMON CODES : January 19, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

Each of the listed documents was cited in an International Search Report and/or a written opinion of the International Searching Authority (copies enclosed) during prosecution of International Application No. PCT/IB2004/002623.

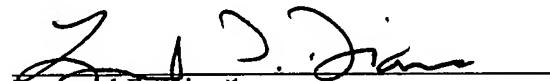
It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

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Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
Leonard P. Diana  
Attorney for Applicants  
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ATTY DOCKET NO.  
01807.107508.INTERNATIONAL APPLICATION NO.  
PCT/IB04/002623 Q1

APPLICANT

PHILIPPE PIRET

1A720 Rec'd PCT/PTO 20 JAN 2006

INTERNATIONAL FILING DATE  
JULY 21, 2004GROUP  
NOT YET ASSIGNED

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		Lin, S. et al., "Error Control Coding", Fundamentals and Applications, Englewood Cliffs, Prentice Hall, US, pp. 85-124, 1983.
		Giu-Liang Feng, et al., "Reflections on the "Decoding of Algebraic-Geometric Codes up to the Designed Minimum Distance", pp. 1-11, March 15, 1995, URL= <a href="http://www.cs.mcgill.ca/~crepeau/PS/Feng-Rao.ps">http://www.cs.mcgill.ca/~crepeau/PS/Feng-Rao.ps</a>
		Pellikaan, R., et al., "Which Linear Codes are Algebraic-Geometric?", IEEE Transactions on Information Theory, Vol. 37, No. 3, pp. 583-602, May 1, 1991, New York.
		Heegard, C., et al., "Systematic Encoding via Gröbner Bases for a Class of Algebraic-Geometric Goppa Codes", IEEE Transactions on Information Theory, Vol. 41, No. 6, November 1995, pp. 1752-1761, New York.
		Matsumoto, R., et al., "Fast Encoding of Algebraic Geometry Codes", IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and Comm. Eng., Tokyo, JP, Vol. E84A, No. 10, pp. 2514-2517, October 2001.
		Blake, I., et al., "Algebraic-Geometry Codes", IEEE Transactions on Information Theory, IEEE Inc., New York, US, Vol. 44, No. 6, pp. 2596-2618, October 1998.
		Feng, G-L et al., "Improved Geometric Goppa Codes, Part I: Basic Theory", IEEE Transactions on Information Theory, IEEE Inc., New York, US, Vol. 41, No. 6, pp. 1678-1693, November 1995.
		Lint, Van J.H., "Algebraic Geometric Codes", Coding Theory and Design Theory, Vol. 21, pp. 137-162, 1990.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

Form #62

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Docketing

Client Matter No.: 01807.107508.

Raymond A. DiPerna

January 19, 2006

Source of IDS Information

The attached Information Disclosure Statement:

- Cites information forwarded in correspondence from the client dated  
January 6, 2006.
- Cites information from our in-house inventor search.
- Other (provide brief explanation).
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